

The diagram shows the internal circuitry of the TA8611 IC, which is a 100W audio amplifier. The IC is represented by a large rectangle with pins 1 through 10 on the left and 11 through 20 on the top. The internal components include:

- Transistors:** T301, T302, T303, and T304 are shown as dashed boxes within the IC.
- Resistors:** R301 (1K), R302 (1K), R303 (470), R304 (10K), R305 (5K6), R306 (5K6), R307 (680), R308 (1K), R309 (5K6), R310 (75), R311 (10K), R312 (27), R313 (220), R314 (1K), R315 (1K), R316 (1K), R317 (1K), R318 (1K), R319 (1K), R320 (1K), R321 (1K), R322 (1K), R323 (1K), R324 (1K), R325 (1K), R326 (1K), R327 (1K), R328 (1K), R329 (1K), R330 (1K), R331 (1K), R332 (1K), R333 (1K), R334 (1K), R335 (1K), R336 (1K), R337 (1K), R338 (1K), R339 (1K), R340 (1K), R341 (1K), R342 (1K), R343 (1K), R344 (1K), R345 (1K), R346 (1K), R347 (1K), R348 (1K), R349 (1K), R350 (1K), R351 (1K), R352 (1K), R353 (1K), R354 (1K), R355 (1K), R356 (1K), R357 (1K), R358 (1K), R359 (1K), R360 (1K), R361 (1K), R362 (1K), R363 (1K), R364 (1K), R365 (1K), R366 (1K), R367 (1K), R368 (1K), R369 (1K), R370 (1K), R371 (1K), R372 (1K), R373 (1K), R374 (1K), R375 (1K), R376 (1K), R377 (1K), R378 (1K), R379 (1K), R380 (1K), R381 (1K), R382 (1K), R383 (1K), R384 (1K), R385 (1K), R386 (1K), R387 (1K), R388 (1K), R389 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[illegible]

The diagram illustrates the internal circuitry of a portable television receiver. The central component is the IC1301 M50560-001P, which is connected to a DC3V supply and a C1301 100/10V capacitor. The IC is surrounded by various components, including a 550KHz oscillator (CF1301), a 2.2k resistor (R1303), a 220 ohm resistor (R1304), and a 330 ohm resistor (R1302). The circuit also includes a 6x4 grid of buttons for channel selection (VOL, CH, MUTE, CALL, POWER, TV/AV, SLEEP) and a 6x4 grid of LEDs (D1301-D1306). The circuit also features a 550KHz oscillator (CF1301), a 2.2k resistor (R1303), a 220 ohm resistor (R1304), and a 330 ohm resistor (R1302).

U/V TUNER

BU VT BH AGC BL AFT B+ IF

(1) IF BLOCK

TP101 TP301 TP302 TP201 TP202 TP203 TP303

C114 1 C112 1 C110 1 C111 01

R116 33K R115 33K R114 10K R117 15K R118 10K R119 10K R120 1W (S)

IC102 LA7910

IC1001 M34300N4

IC1007 C1815GR

IC1008 M34300N4

IC1009 M34300N4

IC1010 M34300N4

IC1011 M34300N4

IC1012 M34300N4

IC1013 M34300N4

IC1014 M34300N4

IC1015 M34300N4

IC1016 M34300N4

IC1017 M34300N4

IC1018 M34300N4

IC1019 M34300N4

IC1020 M34300N4

IC1021 M34300N4

IC1022 M34300N4

IC1023 M34300N4

IC1024 M34300N4

IC1025 M34300N4

IC1026 M34300N4

IC1027 M34300N4

IC1028 M34300N4

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IC1194 M34300N4

IC1195 M34300N4

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IC1197 M34300N4

IC1198 M34300N4

IC1199 M34300N4

IC1200 M34300N4

IC1201 M34300N4

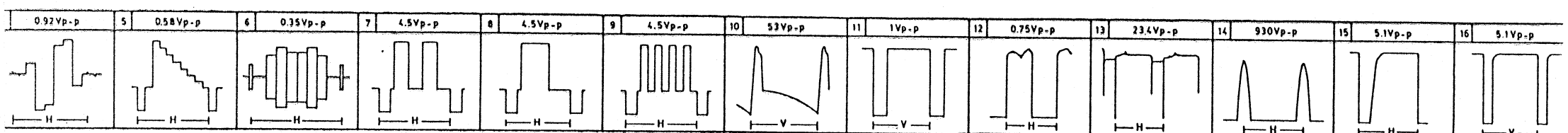
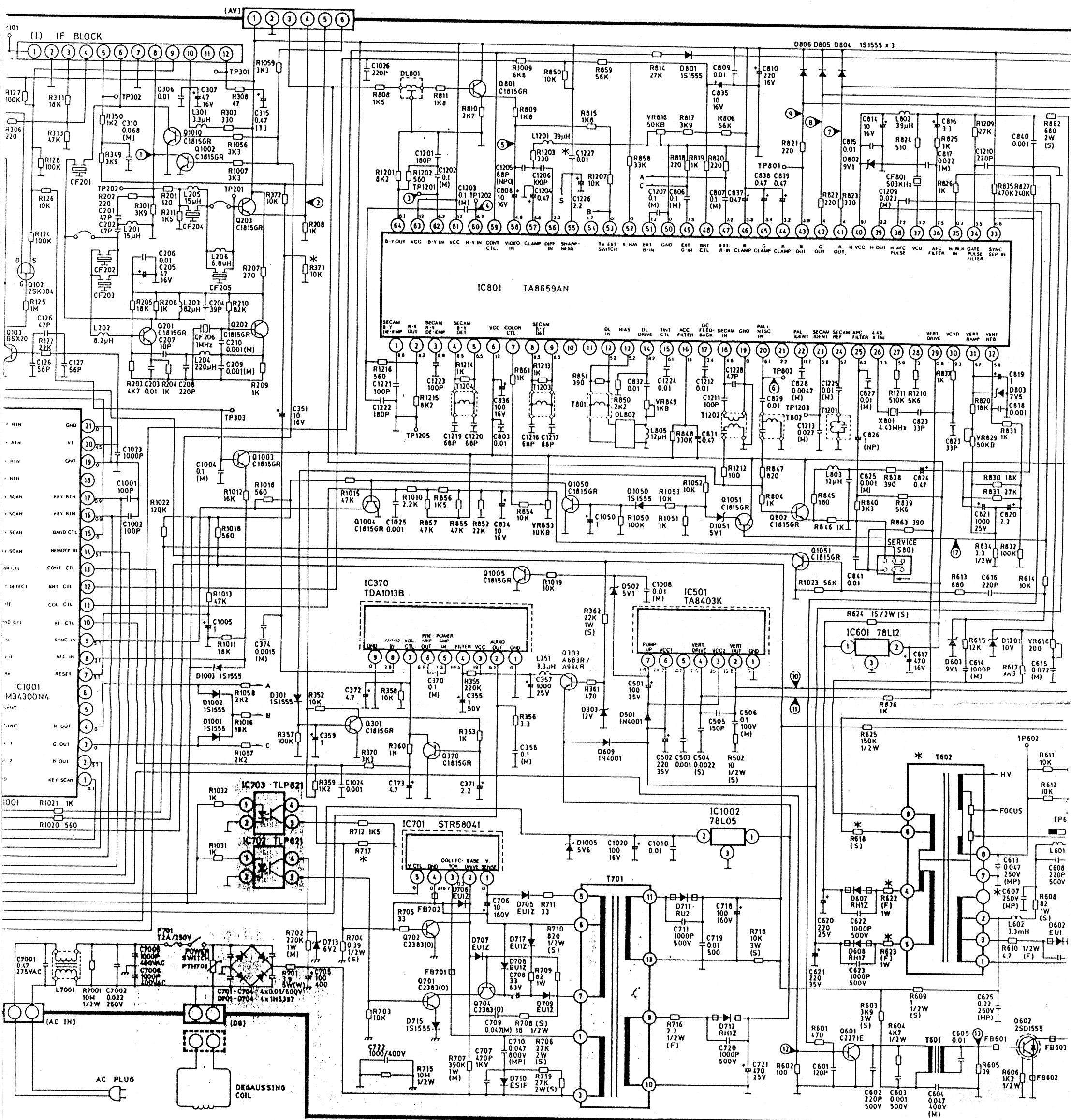
IC1202 M34300N4

IC1203 M

1	2	3	4	5	6
1.6 Vp-p	1.75 Vp-p	0.65 Vp-p	0.92 Vp-p	0.58 Vp-p	0.35 Vp-p

THIS CIRCUIT DIAGRAM IS SUBJECT TO CHANGE WITHOUT NOTICED

80MB, 5180MK, 5382MB, 5382MK

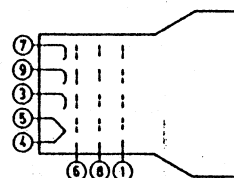


WITHOUT NOTICED

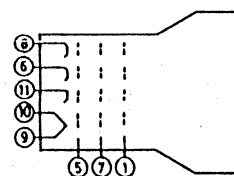
1) ALL CAPACITORS ARE IN $\mu\text{F}/50\text{V}$, UNLESS OTHERWISE NOTED
2) CAPACITORS NOT SPECIFICALLY DESIGNATED ARE CERAMIC CAPACITORS
- μ ELECTROLYTIC CAP.
(N) MYLER CAP.
(TA) TANTALUM CAP.
(MP) METALIZED POLYPROPYLENE CAP.
(PP) POLYPROPYLENE CAP.

4) ACCORDING TO THE TYPE OF CRT, THE PIN ASSIGNMENTS ARE AS FOLLOW

① FOR CRT A51JAR90X09
A48JAN90X05(VW)

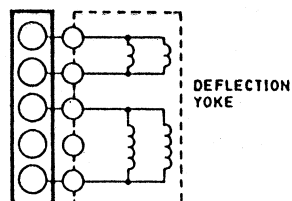


② FOR CRT 51GGB95XTC



5) COMPONENTS IN SHADED AREA ARE IMPORTANT PARTS ON SAFETY.
WHEN REPLACE ANY OF THESE COMPONENTS, USE ONLY MANUFACTURERS
SPECIFIED PARTS

6) COMPONENTS IN DOTTED LINE AREA ARE FOR B/G/D/K ONLY



COMPONENTS MARKED WITH "*" REFER TO THE FOLLOWING TABLE
SUBSTITUTION TABLE :-
APPLICABLE ACCORDING TO TYPE OF CRT

APPLICABLE		ACCORDING TO TYPE OF CRT				
	20"				21"	
CRT	A48JAN90X05(VW)		A48KMX12XX39 51G6B95X-1C X		A51JAR90X09	
FBI	KFS- 60371B	BSC- 0371B	KFS- 60455C	BSC- 0455B	KFS- 60581B	BSC- 0581B
C607	0.47	0.47	0.47	0.47	0.39	0.39
C609	3300P	3900P	4700P	4700P	4700P	4700P
C610	4700P	4700P	3900P	3900P	4700P	3300P
C1227	0.01	0.01	0.01	0.01	0.01	0.01
R371	10K	10K	10K	10K	10K	10K
R618	3.3 1W	3.3 1W	1.5 2W	1.5 2W	4.7 1W	3.3 1W
R622	2.2	1	2.2	1	1	2.2
R623	1	1	3.3	3.3	1	1
R717	47K	47K	100K	100K	27K	27K